Summary of Capital Construction Program

The Capital Construction Program of Fairfax County is organized to meet the existing and anticipated future needs of the citizens of the County and to enable the County government to provide necessary services. The Capital Construction Program (other than sanitary sewer construction and resource recovery projects) is primarily financed through transfers from the General Fund and the sale of General Obligation bonds. Supplementing the General Fund and General Obligation bond monies are additional funding sources including Federal and State grants, contributions, and tax revenues from special revenue districts.

The Fairfax County Capital Construction Program includes: School construction of both new and renovated school facilities, park facilities, primary and secondary roadways, libraries, trails/sidewalks, fire stations, government centers with police substations, storm drainage infrastructure, streetlight installations, and the renovation/maintenance of County facilities. In addition, the Capital Construction Program includes the construction of housing units to provide affordable housing opportunities to citizens, neighborhood improvements to older County neighborhoods, and commercial revitalization initiatives for specific commercial centers identified throughout the County.

Funding in the amount of \$568,287,413 is included in FY 2004 for the County's Capital Construction Program. Of this amount, \$220,538,948 is included for debt service and \$347,748,465 is included for capital expenditures. The source of funding for capital expenditures includes: \$4,028,041 in General Fund monies, \$181,140,532 in General Obligation Bonds, \$31,534,000 in sewer system revenues, and \$131,045,892 in financing from various other sources. Other sources of financing include transfers from other funds, federal and state funding, user fees, developer contributions and payments, and miscellaneous revenues.

Board of Supervisors' Adjustments

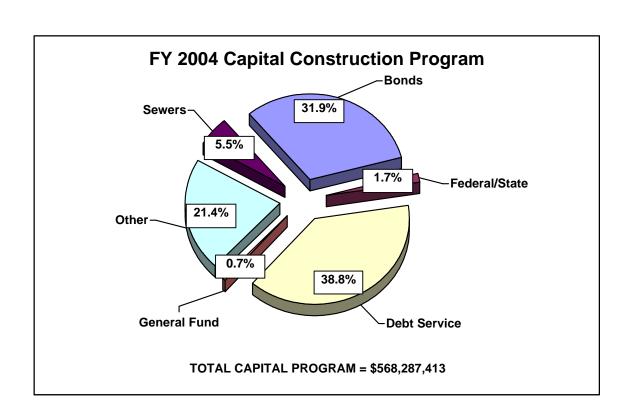
The following funding adjustments reflect all changes to the <u>FY 2004 Advertised Budget Plan</u>, as approved by the Board of Supervisors on April 28, 2003:

During deliberations on the <u>FY 2004 Advertised Budget Plan</u>, the Board of Supervisors reduced funding in several capital program areas, resulting in deferred and limited maintenance and upgrades of County facilities, trails, and athletic fields. In addition, these reductions eliminated reserves for land acquisition and commercial revitalization initiatives.

◆ Fund 303, County Construction – A net increase of \$13,745,000 from \$15,565,817 to \$29,310,817. This increase is primarily due to funding of \$18,200,000 in Project 009461, Public Facilities at Laurel Hill, associated with a developer contribution for construction of public facilities at the Laurel Hill site, together with funds from a planned bond issue by the Economic Development Authority. The Board of Supervisors and the School Board approved a proposal to accelerate the construction of the South County High School by leveraging proceeds from the sale and development of County-owned property in the Laurel Hill area. Also included in the proposal is the County's sale of an adjacent site for development as a senior graduated care facility, using the \$18.2 million proceeds to partially offset construction costs associated with the high school.

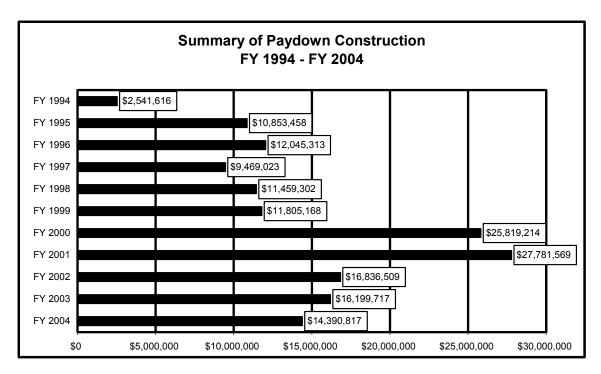
These increases are partially offset by reductions of \$50,000 in Project 001035, Data Center Reconfigurations, \$50,000 in Project 003099, Miscellaneous Building and Repair, \$75,000 in Project 009133, Carpet Replacement, \$1,000,000 in Project 009400, Land Acquisition Reserve, \$80,000 in Project 009417, Parks General Maintenance, \$100,000 in Project 009449, Massey Building Renovations, and \$100,000 in Project 009459, HIPAA Compliance. In addition, the following adjustments were made to athletic field maintenance programs: a decrease of \$300,000 in Project 005004, FCPS Athletic Fields – Matching Program, and \$3,500,000 in Project 005009, Athletic Field Maintenance; partially offset by an increase of \$100,000 in Project 005001, Girls' Fast Pitch Field Maintenance, \$540,000 in Project 005006, Park Maintenance of FCPS Fields, and \$160,000 in Project 005010, Annual FCPS Field Clean-Up and Maintenance.

- ◆ Fund 308, Public Works Construction A decrease of \$470,000 from \$2,515,000 to \$2,045,000 based on reductions of \$50,000 in Project A00002, Emergency Watershed Improvements, \$100,000 in Project N00096, Dam Repairs, \$20,000 in Project U00005, Secondary Monumentation, \$25,000 in Project V00000, Road Viewer Program, \$25,000 in Project V00001, Road Maintenance Program, and \$250,000 in Project Z00022, Municipal Separate Storm Sewer System.
- ♦ Fund 313, Trail Construction A decrease of \$75,000 from \$75,000 to \$0 based on the elimination of \$75,000 in Project 002200, Upgrade and Emergency Maintenance of Existing Trails.
- ◆ Fund 340, Housing Assistance Program A decrease of \$665,000 from \$1,600,000 to \$935,000 based on a reduction in Project 003923, Undesignated Projects.



Capital Paydown Program

In FY 2004, an amount of \$14,390,817 has been included for the Capital Paydown Program. This funding level is supported by the General Fund in the amount of \$4,028,041, State Aid in the amount of \$8,362,776, and other revenues of \$2,000,000. The paydown construction program had been constrained in the past based on budget limitations. Between FY 1986 and FY 1990, the County paydown construction program averaged approximately \$46.0 million, or 4.6 percent, of the General Fund disbursements. The FY 2004 Adopted Budget Plan paydown program of \$14.4 million represents 0.60 percent of General Fund disbursements.



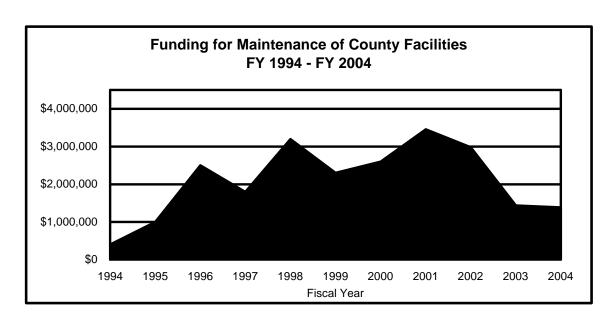
This graph depicts the level of paydown funding between FY 1994 and FY 2004. In FY 1994, the paydown funding was extremely low compared to previous years. Beginning in FY 1995, annual paydown funding increased slightly, but only the most pressing requirements were addressed. Since FY 2000, the paydown program has been enhanced by the application of State revenue funds; however, FY 2004 paydown funding has been limited to the most critical priority projects.

County Maintenance Projects

FY 2004 funding in the amount of \$1,385,000 has been included for County maintenance. Capital maintenance includes the annual work necessary to ensure that capital investment does not deteriorate and remains in a usable state. As with any maintenance program, sufficient attention is required to avoid increased project costs in the future. As long-term maintenance and renovation costs are difficult to project, they are not included in the initial costs of capital projects; however, they are essential to the service life and level of service provided by a facility. Continued funding of maintenance requirements is included in the County's Paydown Program to protect and extend the life of County facilities. County requirements are generated through scheduled preventative maintenance or from user requests for facility alterations. The County has conducted a comprehensive facilities assessment to identify all infrastructure maintenance requirements, and it is anticipated that future routine maintenance requirements will be driven by the results of this assessment. Specific funding levels in FY 2004 include:

- ♦ An amount of \$1,005,000 will continue to provide general maintenance funds to address priority projects at County facilities. Funded general maintenance projects include countywide emergency carpet replacement (\$25,000), HVAC/electrical replacement (\$350,000), roof repair and waterproofing (\$180,000), parking lot resurfacing (\$100,000), and fire alarm replacement (\$200,000). In addition, the County maintenance budget includes funding for miscellaneous building repairs or ongoing requirements throughout the fiscal year (\$150,000). These miscellaneous requirements include but are not limited to vandalism repairs, plumbing repairs, painting, and other emergency repairs.
- ♦ The annual generator replacement program has been funded in FY 2004 in the amount of \$80,000. This program provides a funding mechanism to replace generators in the fiscal years in which the generator reaches its useful life of 25 years. FY 2004 funding provides for the replacement of the generator at Oakton Fire Station.
- ♦ Funding to continue the implementation of ADA compliance at County facilities has also been included in FY 2004. An amount of \$300,000 will address modifications to the Government Center Forum and Board Room (\$150,000) and Phase II of this initiative, which includes curb ramp modifications throughout the County (\$150,000).

The following chart depicts County maintenance funding between FY 1994 and FY 2004, including roof repairs, HVAC replacement, carpet replacement, parking lot resurfacing, fire alarm system replacements, generator replacement, and miscellaneous building repairs.



Park Maintenance Projects

FY 2004 funding in the amount of \$1,649,000 has been included for Park maintenance. The Park facilities maintained with General Fund monies include but are not limited to field houses, boat houses, pump houses, maintenance facilities, sheds, shelters, and office buildings. Park priorities are based on the assessment of current repair needs, including safety and health issues, facility protection, facility renewal, and improved services. In addition, Park maintenance requirements are generated through scheduled preventative maintenance or from user requests for facility alterations. Specific funding levels in FY 2004 include:

- An amount of \$425,000 for general park maintenance at non-revenue supported Park facilities. These maintenance requirements include major non-recurring repairs/replacements and improvements to roofs, electrical and lighting systems, security and fire alarms, sprinklers, and HVAC equipment. This amount is dedicated for specific major facility maintenance repairs.
- An amount of \$700,000 to support annual requirements for Parks grounds maintenance at non-revenue supported parks. Grounds maintenance includes the upkeep of sidewalks, parking lots, bridges, recreation and irrigation equipment, picnic equipment, tennis courts, and trails at County parks.
- An amount of \$470,000 for minor routine preventive maintenance of non-revenue supported Park Authority structures. These repairs include the replacement of broken windows and doors, equipment repairs, and the scheduled inspection of HVAC, security, and fire alarm systems.
- An amount of \$54,000 to continue the implementation of ADA compliance at Park facilities has been included in FY 2004. Park facilities continue to be modified on a priority basis.

Athletic Field Maintenance Projects

FY 2004 funding in the amount of \$3,022,813 has been included for athletic field maintenance. In recent years, athletic field maintenance has been identified as a critical need. An effort has been made to provide continuous maintenance to retain quality athletic fields at acceptable standards and improve safety for users. Maintenance of athletic fields includes field lighting, fencing, irrigation, dugout covers, infield dirt, aerification, and seeding. Specific funding levels in FY 2004 include:

- ♦ An amount of \$2,022,813 to provide for continued personnel and operating costs associated with a limited athletic field maintenance program, including electricity for lighted facilities and maintenance of lighting systems, water and irrigation system maintenance, and minor ball field repairs. As part of the FY 2004 Advertised Budget Plan, the County Executive had proposed to implement a user fee for athletic groups who utilize County and FCPS-owned athletic fields that are managed by the Park Authority. Revenue from athletic field user groups was estimated to be approximately \$3.3 million annually, thereby substantially offsetting existing maintenance costs of approximately \$1.3 million and additional enhancements of approximately \$2.0 million. However, the Board of Supervisors recommended that the athletic field user fee be deferred.
- An amount of \$100,000 has been included to continue the installation of Fairfax County Public Schools boys' baseball field lighting systems used by many County organizations. FY 2004 funding provides for baseball field light installations at Lake Braddock Secondary and Herndon High School. This effort is being coordinated by the Department of Community and Recreation Services.

- An amount of \$100,000 has been included to continue installing lights on Fairfax County Public Schools athletic fields used for girls' softball. Staff from the Department of Community and Recreation Services continue to work with representatives from Fairfax Athletic Inequities Reform (FAIR) and coordinate with the Fairfax County Public Schools and the Fairfax County Park Authority to identify, prioritize, and develop proposed plans for addressing girls' softball field lighting requirements. FY 2004 funding provides for softball field lighting installation at Whitman Middle School, which was deferred in FY 2003 due to emergency improvements at Carson Middle School. This effort is being coordinated by the Department of Community and Recreation Services.
- An amount of \$100,000 for the routine maintenance and minor improvements to girls' softball fields that were identified for improvements in the Girls' Fast Pitch Softball Action Plan, a five-year plan to improve the quality and availability of softball fields throughout the County as requested by the Fairfax Athletic Inequities Reform group. This funding was proposed to be consolidated within one athletic field maintenance program, partially supported by user fees. However, the Board of Supervisors recommended that athletic field user fees be deferred.
- An amount of \$540,000 for the continuation of mowing at 473 athletic fields (approximately 160 school sites). Annual aeration and over-seeding will not be included in the maintenance service in FY 2004. This funding was proposed to be consolidated within one athletic field maintenance program, partially supported by user fees. However, the Board of Supervisors recommended that athletic field user fees be deferred.
- ♦ An amount of \$160,000 for the spring clean-up of middle and elementary schools including skinning fields, filling holes, replacing dirt, repairing/replacing fences, and providing limited field supplies (bases, lime, portable lights, etc). Additionally, funds are transferred to FCPS for two maintenance staff to perform maintenance on girls' softball fields. It should be noted that previous funding of \$180,000 was included in the Department of Community and Recreation Services' operating budget to address athletic field clean-up and maintenance; however, this funding was transferred to Fund 303, County Construction, as part of the initiative to consolidate athletic field services within one project as proposed in the FY 2004 Advertised Budget Plan. During deliberations, the Board of Supervisors deferred implementation of this effort. Original funding of \$180,000 has been reduced to \$160,000 to address annual clean-up and limited maintenance at the FCPS facilities.

Trails and Sidewalks

Funding in the amount of \$300,000 is included in FY 2004 for the Virginia Department of Transportation (VDOT) participation project for sidewalk repair and replacement. VDOT conducts repair and replacement of County maintained sidewalks and is reimbursed by the County, subject to an agreement approved by the Board of Supervisors. County costs are minimized based on the ability to implement multiple VDOT sidewalk construction contracts.

Storm Drainage

Funding in the amount of \$1,820,000 is included for the storm drainage maintenance and emergency repairs throughout the County. Specific funding levels in FY 2004 include:

An amount of \$1,450,000 for the Virginia Pollutant Discharge Elimination System (VPDES) Municipal Separate Storm Sewer System (MS4) discharge permit. This permit is required as part of the Clean Water Act amendments of 1987. The MS4 discharge permit is considered a renewal of the National Pollutant Discharge Elimination System (NPDES) permit, and will be valid for five years. In accordance with the permit renewal effective January 24, 2002, activities will include water quality testing, watershed master planning, improvement programs, and development of the GIS-based storm sewer system inventory.

- ♦ An amount of \$45,000 to address emergency drainage problems throughout the County. Engineering studies and construction will alleviate flooding problems of a recurring or emergency nature, which, due to their urgent nature, cannot be identified in advance.
- An amount of \$125,000 to support the Kingstowne Environmental Monitoring program, which was established by the Board of Supervisors in June 1985 and is intended to continue until completion of the Kingstowne Development. During FY 2002 the program was expanded to include the water quality monitoring requirements required by the U.S. Army Corps of Engineers for the development of the South Van Dorn Street extension.
- An amount of \$100,000 to conduct inspections, monitor, and repair dams and emergency spillways. This level of funding provides for required inspections at five County-owned dams, internal monitoring of drainage problems with dam embankments, and initiation of subsurface investigations.
- An amount of \$100,000 for the Perennial Streams Mapping Program, an effort to develop a base map of all stream channels in Fairfax County. The result will be a reliable map source depicting the stream network that distinguishes between perennial and intermittent streams, which will also be included in the County's Geographic Information System.

New and Renovated County Facilities

Funding in the amount of \$2,742,622 is included in FY 2004 for new or renovated facilities throughout the County. Almost every new capital improvement entails ongoing expenses for routine operation, repairs, and maintenance. As they age, County facilities and equipment that were once considered state-of-the-art will require rehabilitation, renovation, or upgrading for new uses, safety, and structural improvements. Older facilities usually involve higher maintenance and repair costs as well. Specific funding levels in FY 2004 include:

- ♦ An amount of \$500,000 to help offset increased construction costs associated with the West County Recreation Center. This 65,824-square-foot facility will include a 25 meter by 25 yard competitive swimming pool, leisure pool, whirlpool, weight training and fitness areas, multi-purpose rooms, and administrative and support service areas. The current cost estimates have increased from \$15,000,000 to \$18,527,000. An amount of \$2,527,000 has been identified in Park Authority bonds to partially offset this cost increase. The remaining balance of \$1,000,000 is to be provided by the General Fund. An amount of \$500,000 was approved in FY 2003, and FY 2004 funding of \$500,000 is included to complete the General Fund commitment.
- An amount of \$2,142,622 to address property management and development at the Laurel Hill property. Laurel Hill was transferred to the County by the Federal Government during 2002. The property includes approximately 2,340 acres of land and 1.48 million square feet of building space within 367 buildings, of which 136 have been determined to have historic significance. FY 2004 funding will continue to address the needs at this site, including master planning, a security/maintenance contract, structural maintenance and utilities at existing buildings, custodial, planning, and engineering positions, maintenance at four interim athletic fields, and demolition of unserviceable buildings. Additionally, funding will provide for master planning and engineering studies related to future building uses and design issues.
- An amount of \$100,000 to begin compliance of the Health Insurance Portability and Accountability Act (HIPAA), passed by Congress in 1996. HIPAA requires countywide compliance with electronic transmission, privacy, disclosure, security and storage regulations with respect to employee and customer health information to protect the privacy of individually identifiable information. Compliance requirements may affect business practices, staffing allocations, facility reconfiguration, awareness training, and technology.

Roads/Developer Defaults/Survey and Mapping

FY 2004 funding of \$225,000 is included to support the following County road programs, developer defaults and mapping:

- ♦ FY 2004 funding has been included to support the Road Viewer (\$25,000) and Road Maintenance (\$25,000) projects. The Road Viewer Program provides for the upgrading of County roads for acceptance into the State Secondary System. Once the roads are accepted into the State system, ongoing maintenance costs are provided by the State, and County funds are no longer required. For those roads which are not currently included in the State Secondary System, annual funding is provided for maintenance to ensure the safe operation of vehicles on these travelways.
- An amount of \$100,000 for construction of outstanding developer default projects identified throughout the fiscal year. This program is necessitated by economic conditions surrounding the construction industry which result in some developers not completing required public facilities, including acceptance of roads by the State, walkways, and storm drainage improvements. General Fund support of the program is necessary due to the time required between the construction of the improvements and the recovery of the bonds through legal action or when the developer default revenue is not sufficient to fund the entire cost of the project.
- An amount of \$75,000 for the maintenance and establishment of geodetic survey control points for the GIS system. Monumentation is placed on the ground for the use of both the private and public sector for surveying and mapping control. More than 1,400 survey monuments have been established in the County, however it is estimated that more than one third of these no longer exist as a result of construction activities, erosion, and vandalism.

Payments and Obligations

FY 2004 funding in the amount of \$2,311,382 has been included for costs related to annual contributions and contractual obligations.

- ◆ Funding of \$1,021,702 is included to provide for the second year of a five-year lease-purchase agreement associated with systems furniture for the South County Center. The lease will provide office furniture for work stations, conference rooms, waiting areas, and offices. On February 11, 2000, the Board of Supervisors entered into a Master Sales and Development Agreement with Madison Development Partners to construct an office building for lease to Fairfax County. This 159,000-square-foot facility includes a senior center, an expanded teen center, an employment center, office space for County staff, community meeting rooms, and an e-government center.
- Funding of \$500,000 is included for the County's annual contribution to offset school operating and overhead costs associated with new SACC Centers.
- ◆ Funding of \$789,680 is included for Fairfax County's contribution to the Northern Virginia Community College (NVCC). Funding provides for the continued construction and maintenance of various capital projects on college campuses within the NVCC system. The funding formula for determining the annual contribution level has been revised based on the capital requirements of NVCC over the next six years. The FY 2004 funding level reflects \$0.80 per capita based on the Weldon Cooper Center population figure of 987,100. A phased approach has been recommended to increase funding by \$0.10 per capita per year until FY 2006 when the County's contribution equals \$1.00 per capita.

Revitalization Initiatives

Funding of \$935,000 is included for revitalization efforts in identified areas throughout the County. This initiative includes funding for specific commercial revitalization efforts, including: Baileys Crossroads/Seven Corners, Annandale, Richmond Highway, Lake Anne, Merrifield, Springfield, and McLean, as well as Commercial Revitalization program costs.

FY 2004 PAYDOWN PROJECTS

	Project	FY 2004 Adopted		
County Maintenance Projects				
(003099)	Miscellaneous Building Repair	\$150,000		
(003100)	Fire Alarm System Replacements	200,000		
(009132)	Roof Repairs and Waterproofing	180,000		
(009133)	Carpet Replacement	25,000		
(009136)	Parking Lot Resurfacing	100,000		
(009151)	HVAC/Electrical Systems	350,000		
(009406)	ADA Compliance - Countywide	300,000		
(009431)	Emergency Generator Replacement	80,000		
Subtotal		\$1,385,000		
Park Autho	ority Maintenance Projects			
(009416)	ADA Compliance - Park Authority	\$54,000		
(009417)	Park Authority - General Maintenance	425,000		
(009442)	Park Authority - Ground Maintenance	700,000		
(009443)	Park Authority - Facility Maintenance	470,000		
Subtotal		\$1,649,000		
Athletic Fie	eld Maintenance Projects			
(004999)	Athletic Field Lighting	\$100,000		
(005000)	Softball Field Lighting	100,000		
(005001)	Girls' Fast Pitch Field Maintenance	100,000		
(005006)	Park Authority Maintenance of FCPS Fields	540,000		
(005009)	Athletic Field Maintenance	2,022,813		
(005010)	Annual FCPS Field Clean-Up & Maintenance	160,000		
Subtotal		\$3,022,813		
Trails and	Sidewalks			
(X00407)	VDOT Sidewalk Repair/Replacement	\$300,000		
Subtotal		\$300,000		
Storm Drai	nage			
(A00002)	Emergency Watershed Improvements	\$45,000		
(L00034)	Kingstowne Enviornmental Monitoring	125,000		
(N00096)	Dam Repairs	100,000		
(Z00021)	Perennial Stream Mapping	100,000		
(Z00022)	Municipal Separate Storm Sewer System	1,450,000		
Subtotal		\$1,820,000		

	Project	FY 2004 Adopted			
New and R	enovated Facilities				
(009444)	Laurel Hill Development	\$2,142,622			
(009453)	West County Recreation Center	500,000			
(009459)	HIPAA Compliance	100,000			
Subtotal		\$2,742,622			
Developer	Defaults/Roads				
(U00005)	Secondary Monumentation	\$75,000			
(U00006)	Developer Default	100,000			
(V00000)	Road Viewer Program	25,000			
(V00001)	Road Maintenance Program	25,000			
Subtotal		\$225,000			
Obligations	Obligations and Payments				
_	School-Aged Child Care (SACC)	\$500,000			
(008043)	· , , , ,	789,680			
(009425)	South County Center	1,021,702			
Subtotal	•	\$2,311,382			
Revitalization Initiatives					
(014010)	Commercial Revitalization	\$190,000			
(014104)		745,000			
Subtotal	Ç	\$935,000			
TOTAL PAYDOWN PROGRAM		\$14,390,817			

Capital General Obligation Bond Program

The Board of Supervisors annually reviews cash requirements for capital projects financed by General Obligation bonds to determine the ongoing schedule for construction of currently funded projects as well as those capital projects in the early planning stages. The bond capital program is reviewed annually by the Board of Supervisors in association with the Capital Improvement Program (CIP), and revisions are made to cashflow estimates and appropriation levels if necessary. The CIP is designed to balance the need for public facilities as expressed by the Countywide land use plan with the fiscal capability of the County to meet those needs. The CIP serves as a general planning guide for the construction of general purpose, school, and public utility facilities in the County. The County's ability to support the CIP is entirely dependent upon and linked to the operating budget. The size of the bond program in particular is linked to the approved General Fund disbursement level.

The Virginia Constitution requires that long-term debt pledged by the full faith and credit of the County can only be approved by voter referendum. There is no statutory limit on the amount of debt the voters can approve. It is the County's own policy to manage debt within the guidelines identified in the *Ten Principles of Sound Financial Management*. The *Ten Principles* specifically indicate that debt service expenditures as a percentage of General Fund disbursements should remain under 10 percent and that the percentage of debt to estimated market value of assessed property should remain under 3 percent. The County continues to maintain these debt ratios with debt service requirements as a percentage of General Fund disbursements at 8.30 percent, and net debt as a percentage of market value at 1.45 percent as of June 30, 2002.

Continual monitoring and adjustments to the County's Capital Improvement Program have been necessary, as economic conditions have changed. The FY 2004 - 2008 Capital Improvement Program (With Future Years to 2013) was approved concurrently with the FY 2004 budget. FY 2004 is the fifth consecutive year that the Board of Supervisors authorized \$130 million in bond sales for School Construction. It should be noted that the operating budget is directly affected by the approval of the capital budget and its capital project components. The operating budget must absorb the debt service costs of all bond issues related to the capital budget, as well as the operating and maintenance costs for each facility and improvement.

In FY 2004, an amount of \$181,140,532 is included in General Obligation bond funding. Of this amount, \$130,000,000 is budgeted in Fund 390, Public School Construction, and \$2,919,980 has been included in Fund 309, Metro Operations and Construction, to support the 103-mile Metrorail System, as well as maintain and/or acquire facilities, equipment, railcars and buses. In addition, FY 2004 bond funding in the amount of \$48,220,552 has been included for the County contribution to the Northern Virginia Regional Park Authority (\$2,250,000), design costs associated with the West Ox CONNECTOR Bus Facility (\$1,000,000), the remaining authorized bonds associated with the expansion of the Jennings Judicial Center (\$34,970,552), and land acquisition within the Park Authority bond program as approved by the voters in November 2002 (\$10,000,000). Funding for these bond projects is consistent with the approved FY 2004 - 2008 Capital Improvement Program (With Future Years to 2013).

Wastewater Management System

The Fairfax County Wastewater Management Program is operated, maintained, and managed within the Department of Public Works and Environmental Services, and includes one County-owned wastewater treatment plant with a total treatment capacity of 54 million gallons per day (MGD), approximately 3,135 miles of sewer lines, 61 pumping stations, and 51 metering stations, covering approximately 234 square miles of the County's 407 square mile land and water area. In addition to the County-owned treatment plant the system owns, by agreement, purchase capacity in the Alexandria Sanitation Authority Plant, the Upper Occoquan Sewage Authority Plant, the District of Columbia Blue Plains Plant, and the Arlington County Plant, for a total treatment capacity of 161.1 MGD.

An amount of \$31,534,000 is funded in FY 2004 to provide for the County's share of design and construction costs for several pump station renovations, the upgrade costs for the DC Blue Plains Treatment Plant, the Arlington Treatment Plant, and the Alexandria Treatment Plant to comply with Virginia Water Control Board regulations, recurring repair and replacement of aging County sewer lines, the upgrade of existing sewer meters throughout the County, the replacement of the 20-year-old force main at Dogue Creek, and the purchase of as-built sewer plans for line segments not previously identified.

Other Financing

Capital projects supported by other financing include \$1,302,795 in Federal Aid and \$121,380,321 in other sources. Federal Aid represents funding to support the HOME Investment Partnership Grant Program. Capital projects financed by other funding mechanisms include: developer contributions for road improvements throughout the County and the development of public facilities at Laurel Hill, as well as housing trust fund revenues, refuse disposal revenues, FCPS Parent Teachers Association contributions and other sources of funds.

In addition, an amount of \$18,200,000 is included associated with a developer contribution for the Laurel Hill property. As approved by the Board of Supervisors and the School Board in the financing plan for the development of public facilities at Laurel Hill, a developer contribution will be deposited to a trust account to be expended for the construction of public facilities at the site, together with funds made available from a planned bond issue by the Economic Development Authority. As part of the proposal, the county will sell an adjacent site for development as a senior graduated care facility and use the proceeds of \$18.2 million to partially fund the construction of the South County High School. These funds are appropriated to Fund 303, County Construction, to facilitate proper accounting for receipt and expenditure of funds for this initiative.

Capital Construction and Operating Expenditure Interaction

To maintain a balanced budget, annual revenues are projected and operating and capital construction expenditures are identified to determine the County's overall requirements and funding availability. Funding levels for capital construction projects are based on the merits of a particular project together with the available funding from all financing sources, with primary reliance on General Obligation bonds. The Board of Supervisors annually reviews cash requirements for capital project financing. The County's capital program has a direct impact on the operating budget, particularly in association with the establishment and opening of new facilities. The Board of Supervisors continues to be cognizant of the effect of the completion of capital projects on the County's operating budget. The FY 2004 operating cost estimates associated with the completion of capital projects have been included in the County's operating budget.

In the FY 2004/FY 2005 time frame, the expansion and renovation of several facilities will be completed which will directly impact the County's operating budget. The following list represents major new facilities which will open during FY 2004 and beyond. Operating expenditures are estimated based on projected opening dates. Additional information regarding the expenditures necessary to support these expanded facilities can be found in specific agency budget narratives.

New or Renovated County Facilities

	Fiscal Year	Additional	Estimated Net
Facility	Completion	Positions	Operating Costs
FY 2004 New/Expanded Facilities			
SACC Centers	FY 2004	19/15.96 SYE	\$306,970
Elementary Schools (Clinic Room Aides and Public Health Nurse)	FY 2004	7/5.53 SYE	355,754
James Lee Community Center			
(3 months salary and start-up costs)	FY 2004	6/6.0 SYE	625,427
Burke Lake Miniature Golf Course			
(Non-General Fund Position) Revenues are projected to exceed expenditures.	FY 2004	1/1.0 SYE	(73,534)
Skate Park at Wakefield RECenter			
(Non-General Fund Position)	FY 2004	1/1.0 SYE	13,774
West County RECenter Start-Up Costs (Non- General Fund Positions)	FY 2004	14/14.0 SYE	314,411
Phased funding of Fire Station Operations and Equipment	FY 2004	15/15.0 SYE	3,895,626
Total FY 2004 Costs		63/58.49 SYE	\$5,438,428
FY 2005 New/Expanded Facilities			
Little River Glen Adult Day Health Care Center	FY 2004	1/1.0 SYE	\$82,574
James Lee Community Center (Full Year Funding)	FY 2005	0/0.0 SYE	629,170
Herndon Harbor House Senior Center	FY 2005	5/5.0 SYE	237,869
West County RECenter (Full Year Funding)	FY 2005	0/0.0 SYE	326,000
Crosspointe Fire Station ¹	FY 2005	TBD	TBD
Fairfax Center Fire Station ¹	FY 2005	TBD	TBD
Forensics Facility	FY 2005	TBD	TBD
Reston Town Center Transit Center	FY 2005	0/0.0 SYE	TBD
West Ox DVS Garage	FY 2005	TBD	TBD
Total FY 2005 Costs		6/6.0 SYE	\$1,275,613
FY 2006 and Beyond			
Burke Community Library	FY 2006	TBD	TBD
Oakton Community Library	FY 2006	TBD	TBD
Kingstowne Library	FY 2006	TBD	TBD
Library Renovations	FY 2006	TBD	TBD
Public Safety Operations Center	FY 2006	TBD	TBD
West Ox Bus Operations Center (Vienna	FY 2006 /		
Feeder Bus)	FY 2007	TBD	TBD
Wolf Trap Fire Station	FY 2008	TBD	TBD
Judicial Center Expansion	FY 2008	TBD	TBD
Total FY 2006 and Beyond Costs		TBD	TBD

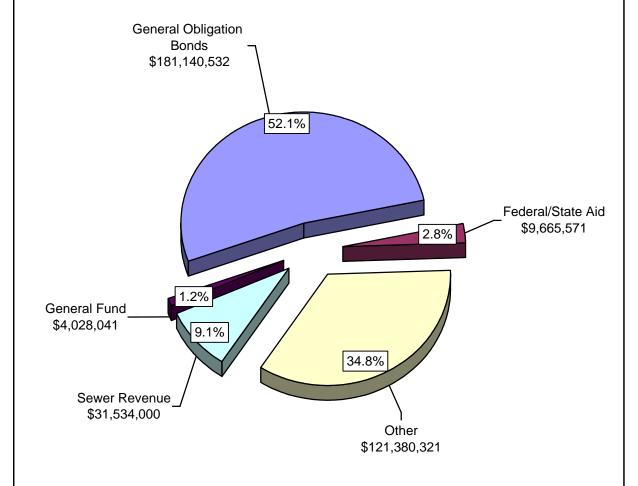
¹ It should be noted that funding of \$3,895,626 and 15/15.0 SYE positions has been included in FY 2004 as part of a phased-in approach to staffing and equipping these fire stations.

Personnel services, operating costs, and capital equipment costs incurred by a County agency while performing work on a capital project are charged as Recovered Costs to the project where applicable. The majority of capital projects in the County are administered by various agencies within the Department of Public Works and Environmental Services. These agencies include the Project Engineering Division, Office of Capital Facilities, Planning and Design Division, Stormwater Management Division, the Land Acquisition Division, the Office of Waste Management, and the Facilities Management Division. Other County operating agencies which administer capital projects include the Fairfax County Park Authority and the Department of Housing and Community Development.

Summary of FY 2004 Capital Construction Program

Major segments of the County's FY 2004 Capital Construction Program are presented in the charts that follow. Several pie charts have been included to visually demonstrate the FY 2004 funding sources for capital expenditures. Capital construction expenditures by fund are shown in the Summary Schedule of FY 2004 Funded Capital Projects. In addition, details of all projects funded in FY 2004 have been included in this section. For an individual detailed description of each capital construction fund, see the Capital Project Funds section of the Capital Construction and Other Operating Funds Volume. Detailed information concerning capital projects in Fund 390, Public School Construction, can be found in the FY 2004 School Board's Adopted Budget.





TOTAL = \$347,748,465

NOTE: This chart does not include debt service funding.

